

INTERNATIONAL SEARCH REPORT

Inter national Application No

PCT/FR 00/00101

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B01D53/81 F01N3/26

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B01D, F01N

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 3 675 398 A (L.P.GIARRIZZO) 11 July 1972 (1972-07-11) claim 1; figure 1	1
A	WO 98 37944 A (C.ROUX ET AL) 3 September 1998 (1998-09-03) claims 1-7; figure 1	1-5
A	WO 92 14042 A (SOLECO S.R.L.) 20 August 1992 (1992-08-20) the whole document	1, 14, 15
A	FR 2 702 004 A (A.ROGNON) 2 September 1994 (1994-09-02) claims 1-4; figure 1	1, 7, 9
	-/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

31 August 2000

Date of mailing of the international search report

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 331, 11 November 1986 (1986-11-11) & JP 61 135921 A (MITSUBISHI MOTORS CORP), 23 June 1986 (1986-06-23) abstract	1,8
A	GB 1 396 607 A (NORRIS BARR CULP) 4 June 1975 (1975-06-04) claim 1; figures 1,2	1
A	DE 14 76 627 A (T.VEIT) 9 April 1970 (1970-04-09) claims 1-9; figure 1	1
A	US 4 578 091 A (A.B.BORJA) 25 March 1986 (1986-03-25) claim 1; figure 1	1,2

RAPPORT DE RECHERCHE INTERNATIONALE

Renseignements relatifs aux membres de familles de brevets

Den = Internationale No

PCT/FR 00/00101

Document brevet cité au rapport de recherche	Date d publication	Membre(s) de la famille de brevet(s)	Date de publication
US 3675398 A	11-07-1972	AUCUN	
WO 9837944 A	03-09-1998	FR 2760253 A AU 6505998 A	04-09-1998 18-09-1998
WO 9214042 A	20-08-1992	IT 1249139 B AU 1175892 A	11-02-1995 07-09-1992
FR 2702004 A	02-09-1994	AUCUN	
JP 61135921 A	23-06-1986	JP 1488321 C JP 63039763 B	23-03-1989 08-08-1988
GB 1396607 A	04-06-1975	AUCUN	
DE 1476627 A	09-04-1970	AUCUN	
US 4578091 A	25-03-1986	AUCUN	